Index of Claims

| Αp | plication | Control | No. |
|----|-----------|---------|-----|
|    |           |         |     |

10/673,333 Examiner

A. J. HEINZ

Applicant(s)/Patent under Reexamination

MATONO ET AL.
Art Unit

2653

| √ | Rejected |
|---|----------|
|   | Allowed  |

| ı | (Through numeral)<br>Cancelled |  |
|---|--------------------------------|--|
| + | Restricted                     |  |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | aim              |                 |              |          |              | ate      |          |          |          |   |       | Cla          | aim      |                 |          |                         | Da           | ate     |                    |           |            |       | CI       | aim _      |                 |           |  | ב              | ate      | •         |          |           |          |
|--------------|------------------|-----------------|--------------|----------|--------------|----------|----------|----------|----------|---|-------|--------------|----------|-----------------|----------|-------------------------|--------------|---------|--------------------|-----------|------------|-------|----------|------------|-----------------|-----------|--|----------------|----------|-----------|----------|-----------|----------|
|              |                  |                 |              |          |              |          |          |          |          |   |       |              | <u>—</u> |                 |          |                         |              | Т       |                    |           |            |       |          | <u>a</u>   |                 |           |  |                |          |           |          |           |          |
| Final        | Original         | 6/10/05         | 1 1          | ı        | - 1          |          |          | 1        |          |   |       | Final        | Original |                 |          |                         |              | -       |                    |           |            |       | Final    | Original   |                 |           |  | .              |          |           |          | 1         |          |
| ίĒ           | ا بج             | 12              | $  \cdot  $  | ł        |              |          |          |          |          |   |       | iĪ           | ١٢       |                 |          |                         |              |         |                    |           |            |       | ίĽ       | Ö          |                 |           |  |                |          |           | ŀ        |           |          |
|              |                  |                 | $\sqcup$     | -        | $\dashv$     | $\dashv$ | _        | _        | $\perp$  |   |       |              |          | $\sqcup$        | _        | 4                       | 4            | 4       | _                  | _         | <u> </u>   |       |          |            | _               |           |  |                |          |           | _        | _         | _        |
|              |                  | -               |              | _        | 4            | 4        | 4        | _        | _        |   |       |              | 51       | Ш               | _        | $\bot$                  | $\perp$      | 4       | _                  | 1         | ┞-         |       |          | 101        |                 |           |  |                |          |           |          | -         | $\dashv$ |
| <u> </u>     | 2                | 4               | $\vdash$     | _        | 4            | _        | 4        | _        | $\dashv$ |   |       |              | 52       | -               | -        | +                       | -            | +       | -                  | +         |            |       |          | 102        |                 | -         | <u>.                                    </u> | -              |          |           | $\dashv$ | $\dashv$  | $\dashv$ |
| -            | 3                | H               | $\vdash$     | $\dashv$ | $\dashv$     | +        | -        | -        |          |   |       |              | 53       |                 | -        |                         |              | +       | ┿                  | +         | H          |       |          | 103        | -               | -         | _  |                | -        |           | $\dashv$ | $\dashv$  | -        |
|              | 4                | H               | ├─┤          | +        | $\dashv$     | $\dashv$ |          | $\dashv$ | $\dashv$ |   |       |              | 54<br>55 |                 | -+       |                         | +            | ╫       | +-                 | 1         |            |       |          | 104<br>105 | -               |           |  | -              |          | $\vdash$  | $\dashv$ | $\dashv$  | $\dashv$ |
|              | 5<br>6           | H               | $\vdash$     | +        | +            | -+       |          | -        | -        |   |       | -            | 56       | $\vdash$        | $\dashv$ | +                       | ╁            | +       | +                  | +         | H          |       |          | 106        | Н               | $\dashv$  |  | -              |          |           |          | $\dashv$  | _        |
| <del> </del> | 7                | H               | $\vdash$     | -        | $\dashv$     | $\dashv$ | -+       | $\dashv$ | $\dashv$ |   |       | <del> </del> | 57       | +               | $\dashv$ | +                       | +            | +       | +                  | +         |            |       |          | 107        | H               | $\vdash$  |  |                |          |           |          | _         | =        |
| _            | 8                | H               | $\vdash$     | $\dashv$ | ┪            |          | <u></u>  | _        |          |   |       |              | 58       | $\Box$          |          | +                       | $\top$       | +       | $\top$             |           | l          |       |          | 108        |                 |           |  |                |          |           | $\dashv$ | 寸         | $\neg$   |
|              | 9                | H               | $\vdash$     | $\top$   | ┪            | $\dashv$ | T        | T        |          |   |       |              | 59       |                 |          | +                       | $\top$       | ┪-      | $\top$             |           | $\vdash$   |       | -        | 109        |                 | $\Box$    |  |                |          |           | $\dashv$ | 寸         | $\neg$   |
|              | 10               | T               |              | T        | ヿ            | T        | T        | T        |          |   |       |              | 60       |                 | 7        | _                       |              | ┪       | 1                  |           | Г          |       |          | 110        |                 |           |  |                |          |           |          | 一         |          |
|              | 11               | П               |              |          | _†           | $\Box$   |          |          |          |   |       |              | 61       |                 |          |                         |              |         | $ lap{1}$          |           |            |       |          | 111        |                 |           |  |                |          |           |          |           |          |
|              | 12               |                 |              |          |              |          |          |          |          |   |       |              | 62       |                 |          |                         |              |         |                    |           |            |       |          | 112        |                 |           |  |                |          |           |          |           |          |
|              | 13               | $oxed{oxed{J}}$ |              |          |              |          |          |          |          |   |       |              | 63       |                 | $\Box$   |                         |              | I       |                    |           |            |       |          | 113        |                 |           |  |                |          |           |          |           |          |
|              | 14               | П               |              |          | $\Box$       |          | I        |          |          |   |       |              | 64       |                 |          |                         |              |         | $\perp$            | 1         | $\sqcup$   |       |          | 114        |                 |           |  |                |          | _]        |          |           | ]        |
|              | 15               | Ц               |              | _        | 4            | 4        | _        | [        |          |   |       |              | 65       | Ц               |          | $\perp$                 | $\perp$      | $\perp$ | $\perp$            | _         | $\sqcup$   |       |          | 115        |                 |           |  |                |          |           | Ш        | _         | _        |
| <u> </u>     | 16               | Щ               |              | _        | 4            | _        | _        | _        | _        |   |       |              | 66       | $\sqcup$        | _        | $\perp$                 | $\perp$      | 4       | $\perp$            | <u> </u>  | <b> </b>   |       |          | 116        | Ш               | Ш         |  |                | Ц        |           | $\sqcup$ | _         | _        |
|              | 17               | $\dashv$        |              | 4        | 4            | $\dashv$ | _        | -        | $\dashv$ |   |       |              | 67       | $\sqcup$        | $\dashv$ | +                       | +            | +       | +                  | 1         | $\vdash$   |       |          | 117        | $\vdash \vdash$ | $\dashv$  |  | Ш              | $\dashv$ | $\Box$    | $\dashv$ | $\dashv$  | _        |
|              | 18               | H               | $\vdash$     | $\dashv$ | $\dashv$     | $\dashv$ | _        | _        | $\dashv$ |   |       |              | 68       | Н               | +        | +                       | +            | +       | +                  | ╀         | <b>├</b> ─ |       |          | 118        | L               |           |  |                | -        |           | -1       | $\dashv$  | $\dashv$ |
|              | 19               | Н               | $\vdash$     | $\dashv$ | $\dashv$     | _        | _        |          | $\dashv$ |   |       |              | 69       | Н               | _        | +                       |              |         | -                  | ┼-        | -          |       |          | 119<br>120 | $\vdash$        | $\dashv$  |  |                |          |           |          | $\dashv$  | $\dashv$ |
|              | 20<br>21         | Н               | $\vdash$     | +        | +            | $\dashv$ | -        | $\dashv$ | $\dashv$ | _ |       |              | 70<br>71 | $\vdash$        | -        | -+                      | +-           | +       | +-                 | ╀         |            |       |          | 121        | $\vdash$        | $\dashv$  |  |                | -        |           |          | $\dashv$  | ᅴ        |
| <del></del>  | 22               | $\forall$       | -            | $\dashv$ | $\dashv$     | $\dashv$ | -        | +        | -        |   |       |              | 72       | $\vdash$        | +        | ╅                       | +            | +       | +                  | +         |            |       |          | 122        | H               | $\dashv$  |  |                | -        | -         | $\dashv$ | $\dashv$  | $\dashv$ |
| <del></del>  | 23               | 4               | $\vdash$     | $\dashv$ | ╅            | $\dashv$ | +        |          | -+       |   |       |              | 73       | $\vdash$        | +        | +                       | +            | +       | +                  | +         | $\vdash$   |       |          | 123        | Н               | $\dashv$  |  |                | -        | $\dashv$  | $\dashv$ | -         | $\dashv$ |
|              | 24               |                 | <del> </del> | $\dashv$ | $\dashv$     | $\dashv$ | 寸        |          |          |   |       |              | 74       | H               | 1        | $\top$                  | +            | +       | +                  | $\dagger$ | $\vdash$   |       |          | 124        |                 |           |  |                |          |           |          | $\exists$ |          |
|              | 25               |                 |              | 十        | 寸            | 寸        | T        |          |          |   |       |              | 75       | Ħ               | T        | 1                       | 1            | T       |                    |           |            |       |          | 125        |                 |           |  |                |          |           | $\neg$   | $\neg$    | $\neg$   |
|              | 26               |                 |              | T        | ┪            | T        | T        | 1        |          |   |       |              | 76       | П               | 寸        |                         |              | $\top$  |                    |           |            |       |          | 126        | П               |           |  |                |          |           |          | $\neg$    | $\Box$   |
|              | 27               |                 |              |          | T            | T        | 1        | Ī        |          |   |       |              | 77       |                 |          | 1                       |              |         |                    | Τ         |            |       |          | 127        |                 |           |  |                |          |           |          |           |          |
|              | 28               |                 |              |          |              |          |          |          |          |   |       |              | 78       |                 |          |                         |              |         |                    |           |            |       |          | 128        |                 |           |  |                |          |           |          |           |          |
|              | 29               |                 |              |          |              |          |          |          |          |   |       |              | 79       |                 |          |                         |              | _       |                    | <u> </u>  |            |       |          | 129        |                 |           |  |                |          |           |          |           |          |
|              | 30               |                 |              |          | _            | $\perp$  | _        |          |          |   |       |              | 80       | Ш               |          | $\perp$                 |              |         |                    | <u> </u>  |            |       |          | 130        | Щ               |           |  |                |          |           | $\Box$   | _         |          |
|              | 31               |                 | Ш            | $\perp$  | $\downarrow$ | _        | $\dashv$ | _        |          |   |       |              | 81       | Щ               |          |                         |              | 4       |                    | ↓_        | igspace    |       |          | 131        | Щ               | Щ         | <u> </u>                                     |                |          |           | $\sqcup$ | _         | _        |
|              | 32               | <u> </u>        |              | -        | 4            | $\dashv$ | 4        | _        |          |   |       | <u> </u>     | 82       | H               | 4        |                         | - -          | +       | 4-                 | -         | $\vdash$   |       |          | 132        | $\vdash$        | Н         |  | Щ              | $\dashv$ | $\square$ | $\sqcup$ | _         | _        |
|              | 33<br>34         | _               | ⊢            | +        | +            | $\dashv$ |          | -+       | $\dashv$ |   |       |              | 83<br>84 | $\vdash \vdash$ |          | +                       | +            | +       | +                  | $\vdash$  | ₽          |       |          | 133<br>134 | Н               | Ш         |  | $\vdash\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ | -         | 긕        |
| $\vdash$     | 35               | <u> </u>        | $\vdash$     | +        | $\dashv$     | +        | $\dashv$ |          | $\dashv$ | _ |       | ļ            | 85       |                 | $\dashv$ | +                       | +            | +       | +                  | +         | $\vdash$   |       |          | 135        | Н               | $\dashv$  |  | H              | $\dashv$ | $\dashv$  | $\vdash$ | $\dashv$  | $\dashv$ |
|              | 36               | -               | $\vdash$     | $\dashv$ | $\dashv$     | $\dashv$ | +        | $\dashv$ | $\dashv$ |   |       | <del> </del> | 86       | ╁╌┼             | +        | +                       | +            | +       | +                  | +         | $\vdash$   |       |          | 136        | Н               | $\dashv$  |  | $\vdash$       | $\dashv$ |           | $\dashv$ | $\dashv$  | $\dashv$ |
|              | 37               | -               |              | $\dashv$ | $\dashv$     | +        | ┪        | ᅱ        | -        |   |       |              | 87       |                 | +        | +                       | +            | +       | +                  | ╁         | H          |       |          | 137        | H               | $\vdash$  |  | H              |          |           | H        | $\dashv$  | ᅴ        |
|              | 38               | $\vdash$        |              | $\dashv$ | +            | $\dashv$ | $\dashv$ | -+       |          | _ |       | <b></b> -    | 88       |                 | $\top$   | +                       | $\dashv$     | +       | +                  | T         | $\vdash$   |       |          | 138        | Н               | $\dashv$  |  | Н              | $\dashv$ | $\vdash$  | $\vdash$ | _         | $\dashv$ |
|              | 39               |                 | $\sqcap$     | 十        | $\dashv$     | $\dashv$ | $\dashv$ |          | _        |   |       |              | 89       | П               | 十        | $\dashv$                | $\top$       | $\top$  | $\top$             | 1         | П          |       |          | 139        | П               | $\dashv$  |  | П              | $\dashv$ |           | $\Box$   | _         | ヿ        |
|              | 40               |                 |              | T        | $\dashv$     | T        | T        | 1        | $\neg$   |   |       |              | 90       | $\Box$          | 十        | $\top$                  |              | $\top$  |                    |           | П          |       |          | 140        |                 |           |  |                |          |           |          |           | $\neg$   |
|              | 41               |                 |              |          |              |          | _        |          |          |   |       |              | 91       |                 |          |                         |              | T       |                    |           |            |       |          | 141        |                 |           |  |                |          |           |          |           |          |
|              | 42               |                 |              |          |              | $\Box$   |          |          |          |   |       |              | 92       |                 |          | $oldsymbol{\mathbb{I}}$ | $oxed{\Box}$ | Ι       | $oxed{\mathbb{L}}$ |           |            |       |          | 142        |                 |           |  |                |          |           |          |           |          |
|              | 43               |                 |              | $\Box$   | I            | I        | $\Box$   |          |          |   |       |              | 93       |                 | $\Box$   | oxed                    |              | I       | $\perp$            | oxdot     |            |       |          | 143        |                 |           |  |                |          |           |          | $\Box$    |          |
|              | 44               |                 |              | $\bot$   | I            | Ţ        | $\Box$   | $\Box$   | $\Box$   |   |       |              | 94       | П               | $\bot$   | $\bot$                  | $\perp$      | $\perp$ |                    |           | $\Box$     |       |          | 144        | Ш               |           |  |                |          |           |          | [         |          |
|              | 45               | _               | Ш            | $\perp$  | _            | _        | _        | _        | _        |   |       |              | 95       | Ш               | $\dashv$ | $\bot$                  | 4            | 4       | $\bot$             | _         | $\sqcup$   |       |          | 145        | $\sqcup$        |           |  | Щ              |          |           | $\sqcup$ | _         |          |
|              | 46               | _               | $\sqcup$     | $\perp$  | $\downarrow$ | _        | $\dashv$ | _        | ļ        | _ |       | <u> </u>     | 96       | $\sqcup$        | $\perp$  | $\downarrow$            | 4            | $\bot$  | +                  | _         | $\vdash$   |       |          | 146        | Ш               | $\square$ | Щ  | Ш              | $\Box$   | Щ         | Ш        | _         | 4        |
|              | 47               | <u> </u>        | $\sqcup$     | $\perp$  | 4            | $\dashv$ | $\dashv$ | _        | 4        |   |       | <u> </u>     | 97       | $\sqcup$        | $\perp$  | +                       | +            | $\perp$ | +                  |           | $\vdash$   |       |          | 147        | Щ               | $\dashv$  |  | -              |          | $\Box$    | $\sqcup$ | _         | 4        |
|              | 48               | <u> </u>        | $\sqcup$     | +        | 4            | $\dashv$ | -        | _        | _        | _ |       |              | 98       | $\sqcup$        | $\dashv$ | -                       | +            | +       | +                  | +-        | $\vdash$   |       |          | 148        | $\vdash \dashv$ | 4         |  |                | $\dashv$ | $\vdash$  | $\vdash$ |           | $\dashv$ |
|              | 49<br>50         | $\vdash$        | $\vdash$     | +        | +            | -+       | $\dashv$ | -        |          | _ |       |              | 99       | $\vdash$        | $\dashv$ | +                       | +            | +       | +                  | +         | Н          |       | <b>_</b> | 149<br>150 | Н               | $\dashv$  | $\vdash$                                     |                | $\dashv$ | $\vdash$  | $\vdash$ |           | $\dashv$ |
|              | _ <del>2</del> 0 |                 | $\perp$      | 丄        |              | L        |          |          |          |   | ::::: | L            | 100      | ш               | L        |                         | L_           |         | Щ.                 | 1         | ш          | ::::: |          | 130        | Ш               |           |  |                |          |           |          |           |          |